

Study of the Blue Products Obtained in the
Reduction of Germanium Heteropoly Acids, by I.
P. Alimarin, Z. F. Shakhova, R. K. Motorkina,
4 pp.

Full tr

RUSSIAN
~~REVIEW~~, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, p 61.

41,579 Consultants Bureau

Sci - Chemistry
Dec 56 CTB

The Oxygen-Containing Compounds Formed
During the Synthesis of Hydrocarbons from
Carbon Monoxide and Hydrogen Over an Iron
Catalyst, by A. N. Bachkirov, M. I. Khotimskaya
and N. A. Orlova, 84 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, No 1, 1956, p 65.

41,580

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

Study of the Reactions of ~~XIX~~ Alcohols and Ketones
with ~~IX~~ Pentaborane, by A. F. Zhigach, E. B.
Kazakova, and R. A. Kigel, 4 pp.

Full tr

RUSSIAN, thrice-wo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, 69.

Consultants Bureau

41,482

Sci - Chemistry
Dec 56 CTS

The Relationship Between Structure, Color and Sub-
stantivity of Dyes-Benzanilide Derivatives, by
B. M. Krasovitsky, B. I. Ostrovskaya, and D. G.
Pereyaslova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, p 72.

Consultants Bureau

41,485

Sci - Chemistry
Dec 56 CTB

Addition of Methylchlorosilane and
Ethylchlorosilane to Allyl Halides, by
V. A. Ponomarenko, B. A. Gololobov, Kh. M.
Minachev and A. D. Petrov, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, No 1, 1956, p 76.

Consultants Bureau

41,484

Sci - Chemistry
Dec 56 CTB

The Vibrational Spectra of Olefins. Calculation
and Interpretation of the Vibrational Spectra
of Propylene and Deuteropropylene, by L. M.
Sverdlov, 6 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, p 80.

Consultants Bureau

41,485

Sci - Chemistry
Dec 56 CIS

Study of the Transformations of Sodium Phosphotungstate
Under the Influence of Sodium Hydroxide, by Vict.
I. Spitsyn and P. A. Fabrikova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, EX8NYX p 84.

Consultants Bureau

41,486

Sci - Chemistry
Dec 56 CTS

The Chemistry of Piazothiols (3,4-Benzo-1,2,5-Thiodiazole), by ~~И. М. Калетский~~ A. M. Khaletsky,
V. G. Pesin and Chzao ~~И. И. Чжоу~~ Chzi-Chshun, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, 1956, p 88.

~~SCB~~
Consultants Bureau

Sci - Chemistry
Dec 56 CIE

41,487

Investigation of Rectification in Spinning
Rotor Columns, by V. A. Malusov, N. N. Usmik,
B. M. Zhavoronkov, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 1, p 99.
1956

Consultants Bureau

41, 654

Sci - Chemistry
Dec 56 CTS

Electrical Conductivity and Catalytic
Activity of Silver Films, by G. D.
Lyubarskiy, 8 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Fiz Khim,
Vol I, 1956, pp 112-115. CIA 9030912

1.0 7
ACSL Tr 1032

Sci - Phys
Aug 58

70, 140

The Question of the Structural Relationship
between Antigen and Antibody Molecules, by
O. Viazov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No
1, 1956, pp 119-121.

Natl Res Counc
C2345

Sci

72,792

Aug 58

Zeolites in the Mesozoic and Cenozoic De-
posits of the Penza Area, by N. M. Strakhov,
4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol III, No
2, 1956.

SLA R-2772

Sci

^aug 58

72,766

Some Magnesium - Nickel Hydrous Silicates
of the Nizhne - Tagilsk Serpentine Massif,
by ~~ZAKHAROV~~ I. A. Rukavishnikova, 6 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol
11, 1956, p 124-170

CIA # 1662

Sci

Jul 58

68,799

Transformation of Fourier and Laplace Types by
Means of Solutions of Differential Equations of
Second Order, by B. Levin.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol 106,
No 2, 1956, pp 187-190.

*NASA TT F 13,296

sci/math
oct 70

On the Use of the Harmonic Linearization
Method in the automatic Control Theory, by
E. P. Popov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, No 2, 1956, pp 211-214.

Sci - Physics
Feb 1957/CIS

43, 885

SAF 1000

nes, by
Cross Sections of Inelastic Interactions Between 120
and 380 Mev Neutrons and Nuclei, by V. I. Gol'danskiy,
A. A. Koval'skiy, V. S. Pen'kina, E. Z. Tarumov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 2, pp 219- ~~220~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

The Vertex Part in Scalar Electrodynamics in the
Large Momentum Region, by A. A. Logunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 2, pp 223-~~226~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Some Optical Properties of New Rare Earth-Activated Zinc Sulfide Phosphors, by Z. A. Trapeznikova,
V. V. Shchaenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 2, pp 230- ~~231~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

The Production of High-Intensity Ultrasonic Vibrations for Action on Animal and Human Malignant Tumors, by A. K. Burov, 3 pp.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol CVI, No 2, 1956, pp 239-241. (16H13R)

Assoc Tech Sv

Sci - Medicine
Oct 57

54, 560

Electron Energy Levels and Interatomic Distances in
Molecules, by F. M. Shifrin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 2, pp 233-~~236~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Nuc Phys

Aug 57

Generalization of a Criterion for Checking
the Interpretation of Gravity Observations,
by Kh. L. Smolitskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 2,
1956, pp 237, 238.

ATIC MCL-33/V

Sci - Geophysics

Aug 59

94, 588

Mechanism of the Formation of Pulses in Semiconductor
Crystal Counters, by S. M. Ryvkin,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI, No 2,
1956, pp 250-253.

Assoc Tech Sv RJ435

36,957 \$7.35
PO Box 271, East Orange, NJ
N. J.
AEC/CPR - R 247

Sci - Physics
Aug 1956

(FDD 28010)

Mechanical Properties of Titanium Iodine, by E. M.
Sabitshikov, N. A. Tylikina, A. N. Turanskaya, 9 pp.

RUSSIAN, three-line per, Dok Ak Nauk, SSSR, Vol
CVI, No 2, Moscow, Jan 1956, pp 254-257.

CIA/FDD U-8501

38, 214

Sci - Physics

Study of β -Ketophosphinic Acid Esters by the
Bromine Titration Method, by B. A. Arbuzov,
and V. S. Vinogradova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, YAKIM p 263.

Consultants Bureau

41,488

Sci - Chemistry
Dec 56 CIS

Production of α -P-methylstyrene From Asymmetric
 p , p -ditolylenane, by V. L. Vaisex, V. D. Riebov,
S. Sh. Scholikina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, pp 271-274.

Sci Tr Center
RT-3967

39,148

Sci - Chemistry
Sep 56 CIS/dex

Connelly, R. C.

The Reduction of Nitro Derivatives of 2,3-Diaryl-
and 2-Aryl-3-Alkylin-dones, by Ch. P. Ivanov
and B. V. Aleks'ev, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak. Nauk SSSR, Vol CVI,
No 2, 1956, p 275.

Consultants Bureau

41,490

Sci - Chemistry
Dec 56 CTS

Cyanethylation of Ketones in the Synthesis of
Unsaturated Lactones. 6-Lactones with a
Heptacyclic Double Bond, by R. Ya. Levin,
N. P. Shushерина, M. Yu. Lurye, and N. D.
Orlova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 279.

Consultants Bureau
~~TECHNICAL INFORMATION SERVICE~~

Sci - Chemistry
Dec 56 CTB

41,491

Chromatographic Separation of Isomeric Sulfur-
Containing Organic Compounds, C₈H₁₈S, With the use
of Radioactive Sulfur, by R. D. Obolentsev,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, No 2,
1956, pp 283-285.

C.V./
1

Assoc Tech Sv

RJ-410

Sci - Chemistry

37,110

Aug 1956

\$4.90

Study of the System Ni-S from 30.0 to 50.0
Atomic % S, by M. A. Sokolova 4 pp.

Full tr

RUSSIAN, thrice mo par, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 286.

Consultants Bureau

41,492

Sci - Chemistry
Dec 56 CMS

Study of the Reaction of Ammonia with the Halides
of Divalent Metals in Aqueous Medium; the Solubility
of Cadmium Chloride in Aqueous NH₃ Ammonia Solu-
tions, by G. G. Urakov and A. K. Kirakosyan, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, p 290.

Consultants Bureau

41,495

Sci - Chemistry
Dec 56 CTS

Kinetics of the Thermal Decomposition of Butyl
Bromides, by G. B. Sergeyev, 10 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 2,
1956, pp 299-302.

Yale Univ. Lib. 1956
Sci Mus Lib 58/1418

Sci - Chem SLA R- 3438
Mar 59

82,441

Study of the Structure of Polymers in Solutions
in the Presence of Precipitants by the Light
Scattering Method, by I. G. Soboleva, et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 2, 1956, pp 303-306.

Assoc Tech Sv RJ-521
\$5.75 (\$1.60)

Sci - Chemistry
Apr 1957 GTS/dex

46,779

The Helium Content of Some Stony Meteorites, by
V. V. Cheryntsev and K. K. Abdugafarov, 2 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI
No 2, 1956, p 311.

Consultants Bureau

Sci - Geophysics
Dec 56 CIS

41,63%

The Genesis of Lower Cambrian Dolomites of the Aldan
Region of the Yakut ASSR, by Yu. A. Khodak.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CVI,
No 2, 1956, pp 328-330.

36,117
Assoc Tech Serv RJ-376

Scientific - Geophysics

Jun 56/dex

<p>Senkevich, M. NEW DATA ON THE FLORA OF THE MIDDLE DEVONIAN OF NORTH KAZAKHSTAN. 1 Apr 60 [7]p. (1 fig. omitted) 1 ref. Order from OTS or SLA \$1.10</p> <p>Trans. of Akademiya Nauk SSSR, Doklady, 1956, v. 106, no. 2, p. 343-344.</p> <p>DESCRIPTORS: *Geological survey, *Plants, Classi- fication, Geological time.</p> <p>(Earth Sciences--Geology, TT, v. 7, no. 6)</p>	<p>61-15880</p> <p>I. Senkevich, M. II. Geological Survey of Canada</p> <p>Office of Technical Services</p>
--	---

Restoration of Chlorophyll Molecules in Leaves, by
V. M. Kutyurin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, 1956,
pp 355-357.

SLA Tr R-1342

Sci

Jun 58

65, 831

Fundamental Formula in the Theory of FC
Irreversible Thermodynamic Processes, by K. A.
Popov, 7pp
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 106, 1956, No 3, pp 422-424
SIA TT-64-18605

Sci - Phy
May 67

326,559

On Constructing Discontinuous Solutions of
Quasilinear, by D. A. Ladyzhenskaya.

RUSSIAN, per, Dok Ak Nauk, Vol CVI(106),
No 3, 1956, pp 291-294.

*AEC/UCRL

Sci - Math

May 63

Zuhovotskii, S. I. and Stechkin, S. N.
APPROXIMATION OF ABSTRACT FUNCTIONS WITH
VALUES IN THE HILBERT SPACE. [1963] [8]p.
10 refs.
Order from OTS or SLA \$1.10

63-14480

Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 106, no. 3, p. 385-388.

DESCRIPTORS: *Functional analysis, *Polynomials,
Complex numbers, Real variables, Operators
(Mathematics), Topology.

(Mathematics, TT, v. 10, no. 2)

63-14480

I. Zuhovotskii, S. I.
II. Stechkin, S. N.

Office of Technical Services

V Transformation of the Equations of the Turbulent Boundary Layer in a Gas to Linear Ordinary Differential Equations and Their Solution in Finite Form, by L. E. Kalikhman, 7 pp.

RUSSIAN, thrice-mo par, Dok Ak Nauk SSSR, Vol CVI,
No 3, 1956, pp 401-404.

Morris D. Friedman A-723
\$3.50 34,943

Sci - Physics
Jun 56 GTS/dex

CS/RD 3-70

Fast Particle Absorption Cross Section of Semitransparent Nuclei, by S. I. Drozdov, 5 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 409-~~410~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

AUG 57

Nonlinear Generalization of the Dirac Spinor Equation,
by D. Ivanenko, M. Mirjanashvili, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 413-~~414~~

Amer Inst of Phys
Sci Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 54

t Atomic Nickel Centers in NaCl-Ni Phosphors, by
M. L. Kats, B. Z. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 415-~~775~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

AUG 57

On a Single Basic Equation in the Theory of
Irreversible Thermodynamic Processes, by Kiril A.
Fedorov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 422-~~423~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Solution of the Problem of the Motion of Three
Nucleons in the Limiting Case of Shortrange Forces,
by G. V. Skornyakov, K. A. Ter-Martirosian, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 425-

Almer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

The Classification of Nonlinear Equations and of
Relativistically Invariant Interactions According
to Representations of the Lorentz Group and the
Theory of Fusion, by G. A. Sokolik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 429-~~430~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

An Electron Microscopic Study of Thin Films of
Antimony by the Dark Field Method, by I. G. Stoyanova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 3, pp 437- ~~438~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Certain Questions Related to the Interpretation
of the Star-Twinkling Phenomenon, by
F. F. Yudalevich, 6 pp.

RUSSIAN, thrice-mo par, Dok Ak Nauk SSSR, Vol GVI,
No 3, 1956, pp 441-444.

Morris D. Friedman I-105
\$3.00 34, 940

Scientific - Physics
Jun 56 CTS/dex

Formula to Compute the Frequency of a Toroid
Resonator, by V. A. Tepliakov, B. K. Shembel, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 3,
1956, pp 443-446.

SLA Tr R-843

Sci - Physics

52,349

Sep 57

Action of High-Intensity Ultrasonic Vibrations
on Malignant Tumors of Animals and Man, by A. K.
Burev, G. D. Andreyevskaya

RUSSIAN, thrice-monthly, Dek Ak Nauk SSSR, Vol
CVI, No 3, 1956, pp 445-448.

NIH 9-49 (translated by
commercial source - will be purchased by NIH and
available if interest is shown)
Sci - Medicine 44,487

Fluctuations of the Oscillation of a Klystron
Oscillator, by I. L. Bershtein, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 3,
1956, pp 453-456.

SLA R - 1165

DSI/DRB T 230 R

Sci - Physics
Oct 57

53,504

Sci mon 56 57 / 1950

The Preparation of Uniaxial Crystals of
Synthetic Corundum, by N. V. Kornikova
and A. A. Popova, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CVI, No
3, 1956, pp 460, 461.

SLA/ATS-43J17R

Sci

JUL 28

Asso Tech Serv

68,433
41-17615

Ultraviolet Absorption Spectra of Some B-Keto
Phosphinic Acid Esters, by B. A. Arbuzov and V. S.
Vinogradova, 4 pp.

Full tr

RUSSIAN, thrice-mo per, X Dok Ak Nauk SSSR, Vol CVI,
No 3, 1956, p 465.

Consultants Bureau

41,494

Sci - Chemistry
Dec 56 CIS

Synthesis of Aliphatic Tertiary Amines from
Thiophene Derivatives, by Ya. L. Goldfarb and
N. B. Ibragimova, 4 pp.

XX Full tr

RUSSIAN, thrice-mo per, XX Dok Ak SSSR, Vol CVI,
No 3, 1956, p 469.

Consultants Bureau

41,495

Sci - XX Chemistry
Dec 56 CTS

On the Imides of Alkylphosphorous Acids,
Trialkylphosphate Azins, by M. I. Kabachnik,
V. A. Gilyarov.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol CVI,
No 3, 1956, pp 473-475.

T.I.L. T.4691

Sci - Chemistry

36,913

Aug 1956

Comments: *Revised*

SLA 52-3-664

Ternary and More Complex Solid Solutions of
Intermetallic Compounds, by I. I. Kornilov,
4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 3, 1956, p 476.

Consultants Bureau

41,496

Sci - Chemistry
Dec 56 CIB

Alkylation of Aromatic Hydrocarbons with
Boric Acid Esters, by V. K. Kuskov and B.
M. Sheiman, 4 pp.

Full tr

RUSSIAN, thrice-so per, Dok Ak Nauk
SSSR, Vol CVI, No 3, 1956, p 479, 421.

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,497
HTS R-2004

β β
Synthesis of Esters of α -Phenyl- β -Aryl- β -Alkylamino-
propionic Acids from Arylidenealkylamines and
Ethylphenyl Acetate in the Presence of Anhydrous
Aluminum Chloride, by N. M. Mollov.

Full tr

RUSSIAN, thrice-a per, Dok Ak Nauk SSSR,
Vol CVI, No 3, 1956, p 482.
41, 498

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

Determination of the Specific Surface of Porous
Electrodes by Capacity Measurement, by O. S.
Khasenzhek, V. V. Stender, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 3, 1956, pp 487-490.

S.L.A.-R-219
EO
Navy Tr A361/ERL 573

Sci - Electricity
Oct 1956 CTS/dex

39,801

<p>Matveevskii, R. M. EFFECT OF LOW TEMPERATURES ON THE LUBRICITY OF MINERAL OILS. [1963] Sp. Order from K-H \$5.00 K-H 2182-a</p> <p>Trans. of Akademiya Nauk SSSR, Doklady, 1971, v. 196 (no. 3) p. 494-496. Another trans. is available from ATS as RJ465.</p> <p>DESCRIPTORS: Temperature, *Lubricants, *Mineral oils, Physical properties.</p> <p>(Materials--Lubricants, TT, v. 10, no. 2)</p>	<p>63-17295</p> <p>I. Matveevskii, R. M. II. K-H 2182-a III. Kresge-Hekler Library Library Associates, Detroit, Mich.</p> <p>TT 10-2182-a</p> <p>Office of Technical Services</p>
--	---

Absorption and Sensitization Spectra of 5,5'-
Dihalogen-Substituted Thiacyanocyanines, by
S. V. Matanson, 7 pp.

ISSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 3,
1956, pp 497-500.

SLA 59-15178

CIA/FDD pXX-702

Sci
Dec 59
Vol 2, No 4

NLL M. 2444 103,108

Iron Sulfide and Hydrogen Sulfide in the
Bottom Deposits in the Northwestern Part
of the Pacific Ocean, by E. A. Ostrovskiy and
V. M. Shilov, 4 pp.

Full tr

RUSSTAN, thrice-mo per; Dok Ak Nauk SSSR, VDX
Vol CVI, No 3, 1956, p 501.

Consultants Bureau

41, 657

Sci - Geophysics
Dec 56 CIS

Action of Purified Hormones of the Pituitary Gland Upon Fish Ovaries, by J. S. Kirschenblatt.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXI, No 2,
1956, pp 504-506.

INSDOC/T. 5658

sci-Biol
July 65

The Utilization by Plants of ~~Exa~~ C¹⁴O₂ in Various
Lighting Conditions, by N. P. Voskresenskaya, G. S.
Grishina, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 3, 1956,
pp 565-568.

Sci Mus Lib Tr 57/0225

Sci - Chem
Jun 57

48,456

Electrical Activity and Impedance of the Cerebral Cortex, by G. D. Smirnov, N. A. Aladzhalova, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 3, 1956,
pp 573-576. CIA 9032371

NIH

Sci - Medicine
Sep 58

73, 967

On the Calculation of Eigenvalues of the Laplace Operator by the Method of Grids, by D. P. Grossman, 7 pp. POST EDITED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 4, 1956, pp 595-597. 9693211

FTD-MT-63-328
GOV'T USE ONLY

Sci - Math & Data Proc
Jul 64

263,711

Heterogeneity of the Solar Chromosphere and the
Problem of Excitation of Helium, by V. V. Kozai.

RUSSEAN, per, Dok Ak Nauk SSSR, Vol 871, No 4,
1955, pp 619-622.

CSIRO-3366
SLA R-3366
#ATIC F-PS-9633/V

Sci
Jul 59

93,051

The Structure of Simple Liquids, by A. E. Clauberman,
V. P. Tsvetkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol 57 CVI,
No 4, pp 623-~~625~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Equally Allowed Beta Transitions, By P. X
by B. S. Dzhelepov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 626-627

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Relative Intensity of the Fine Structure Components
of He II λ 4686 Å, by P. S. Kireyev, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Phys Ser, Vol CVI,
No 4, pp 630- ~~631~~,

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Photofission Cross Sections of Uranium and Thorium,
by V. A. Korotkova, P. A. Cherenkov, I. V. Chuvilo,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 633-~~642~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1.

Sci - Phys

Aug 57

The Density Dependence of the Index of Refraction
at Low Frequencies of Sound, by G. P. Motulevich,
I. L. Rabelinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 637-~~640~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

The Measurement of Ion Masses by the Use of
Electric Fields, by V. B. Fiks, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 645-~~646~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Expansion of a Wave Function in Irreducible Representations of the Lorentz Group, by I. S. Shapiro, 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 647- 652

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Electrophotometric Investigation of Atmospheric Ozone
During Solar Eclipses on February 25, 1952, and June
30, 1954, by Sh. A. Bezverkhniy, A. L. Osherovich,
S. F. Rodionov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 4, 1956, pp 651-654.

*ATIC F-T3-9633/V

Wings, Technical Library

Sci - Astronomy
Jul 58

A New Method for Investigating the Chemical
Composition in Micro-Volumes of an Alloy, by I.
Borovskiy, N. Il'in.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CVI,
No 4, 1956, pp 655-657.

Sci - Chemistry
Feb 58

UKSM CB 4. 1/1009

HB 5255

58, 539

NAON T-1 1/14

Use of Radioactive Isotopes for the Measurement
of Gas Flow Velocity and for the Automatic
Control of Gas Flow by the Method of "Tagged
Molecules", by N. H. Shymilovskiy, L. V.
Neltzer.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CVI, 1956, No 4, pp 661-664.

DSIR/28609/CT

Sci - Physics
Oct 57

53,888

Isothiocyanonitro- and Isothiocyanohalo-~~IMIN~~ Bis-Dimethylglyoximecobaltic Acids, by A. V. Ablov, E. M. Samuc, and M. S. Popov, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 8, 1956, p 665.

4

41,499

Consultants Bureau

Sci - Chemistry
Dec 56 CIS

Condensation of Benzaldehyde with Bromoacetonitrile,
by N. S. Vulfson, and L. Kh. Vinograd, ? sg.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, No 4, 1956, p 669.

Consultants Bureau

41,580

Sci - Chemistry
Dec 56 CTS

Aromatic Hydrocarbons in Bawlinsk Kerosene,
by E. A. Robinson and O. M. Grishina,

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR
Vol CVI, No 4, 1956, p 671.

41,501

Consultants Bureau

Sci - Chemistry
Dec 56 CMS

Synthesis of α -Substituted α -Amino Acids and Their Derivatives, by M. M. Shemyakin, E. S. Chaman and L. I. Denisova, 4 pp.

II Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 4, 1956, p 675.

44,502

Consultants Bureau

Sci - Chemistry
Dec 56 CTB

A Possible Mechanism of Degenerate Branching in Hydrocarbon Oxidation Reactions, by V. V. Voyevodskiy, V. I. Vedenayev.

RUSSIAN, per, Dok Akad SSSR, Vol 66, No 4, 1956, pp 679-682.

Assoc Tech Sv RJ-508

Sci - Chemistry

41,545
SLA R-7021

On the Relation Between the Chemical and Mechanical
Strength of Very Hard Solids, by B. F. Ormont.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. CVI, No 3 4,
1956, pp 687-690.

United Kingdom Scientific Mission

SLA

54, 444

Sci - Chemistry

Oct 57

GTS 63-14001

Distribution of Rare Earths in Monazites from
Granitoids, by E. E. Vainshtein, A. I. Tugarinov
and N. V. Turanskaya, 2 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVI, ~~NUMBER~~ No 4, 1956, p 691.

Consultants Bureau

Sci - Geophysics
Dec 56 CTS

41,658
S.A. R. 1666

Also Dyes with Polysulfone-ide Diazo Components,
Ya. P. Berleman and Yu. Gordinsky, 4 pp.
)

full tr

RUSSIA, thrice-as per, Dok Ak Nauk SSSR, Vol CII,
No 4, p 692.
(1/56)

Consultants Bureau

Sci - Chemistry
Dec 56 CRC

41, 652

Reduction of Oxides of Iron by Gases, by V. V.
Kondakov, Z. F. Chukhanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVI,
No 4, 1956, pp 697-700.

Brutcher Tr 3768

Chemical & Metallurgical
Engineering

Sci - Chemistry Min /metals

Aug 1956

37,416

\$2.75

An Archaeological Determination of the Age of
Some Hydrocalccites (Pingos) in the Churchill
Peninsula, by F. A. Grove, 3 pp.

REGGAE, three-mo per, Bob At Hanik, G.V.I.,
No 4, 1956, pp 706-707. CIA 9000576

Mar Sci Libr Div
DRG Canada R 216 R 374468

Scientific - Geophysics, Geology, marine
Copy SC DRG/DCM

Solution of the First Boundary Value Problem
for Elliptical Equations by Means of Nets, by
D. P. Grossman, 7 pp. POST EDITED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVI, No 5,
1956, pp 770-772. 9693199

FTD-MT-63-329
GOV'T USE ONLY

Sci - Math & Data Proc
Jul 64

263,70~~2~~707

On the Relations Between Cross Sections Which
Result From the Hypothesis of Isotopic Invariance,
by N. Dushin, I. Shmushkevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 801-~~802~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Heat Capacity of Layer Lattices at Low Temperatures,
by E. S. Itskevich, P. G. Strelkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 4, pp 805-~~807~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

The Effect of Radiation on the Motion of a Relativistic Electron in a Magnetic Field, by A. A. Kolomenskiy, A. N. Labedev, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Phys Sec, Vol CVI, No 5, pp 807-~~808~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci u Phys

Aug 57

Fragment Energy Distribution From the Fission of
Uranium and Thorium by γ -Rays, by V. A. Korotkova,
P. A. Cherenkov, I. V. Chuvillo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 811-~~817~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

A Note on the Systematization of Hyperons and Heavy Mesons, by M. Markov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 814-~~815~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Relative Capture and Recombination Cross Sections of
Optical Electrons in Zns-Cu, Co Phosphors, by Siui
Siui-iun, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 818- ~~820~~.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

Relative Intensities of Fine Structure Components
in Rayleigh Scattering of Light, by I. L. ~~Sh~~...
Fabelinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 822-~~825~~

OKSII T-163
Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

51, 627

Hole Conductivity in Silver Bromide, by L. M. Shamovskiy, A. A. Dunina, M. I. Gosteva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 830-~~4760~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57

A Statistical Estimate of the Energy of Particles
Which Generate Mixed Showers, by E. M. Fridlander,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVI,
No 5, pp 826-~~827~~

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 1

Sci - Phys

Aug 57